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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/654,410	
	Filing Date	September 3, 2003	
	First Named Inventor	John Macpherson	
	Art Unit	2856; Confirmation No.: 5454	
	Examiner Name	John P. Fitzgerald	
Total Number of Pages in This Submission	9	Attorney Docket Number	414-28153-US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s) substitute	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Postcard; seven (7) sheets of formal drawings (Fig. 1A-6B)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	The Commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 02-0429 (414-28153-US)	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Kaushik P. Sriram, Reg. No. 43,150	
Signature	<i>KP Sriram</i>	
Date	December 1, 2004	

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Date	December 1, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:
John Macpherson

Serial No.: **10/654,410**

Filed: **September 3, 2003**

Title: **"Azimuthal Resistivity Using a
Non-Directional Device"**

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Group Art Unit: **2856**

Confirmation No.: **5454**

Examiner: **John P. Fitzgerald**

Atty. Docket: **414-28153-US**

ATTENTION: OFFICIAL DRAFTSMAN
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SUBMISSION OF SUBSTITUTE FORMAL DRAWINGS

In accordance with the Notice of Allowability mailed November 12, 2004, drawings were accepted on September 30, 2003. Formal drawings were filed January 26, 2004 (see enclosed) and are listed on PAIR. Please substitute the drawings accepted September 30, 2003 with the seven (7) sheets of formal drawings (Figure 1A through 6B) filed January 26, 2004, for the above-referenced patent application.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. **02-0429 (414-28153-US)**.

Respectfully submitted,

Date: December 1, 2004

Kaushik P. Sriram, Reg. No. 43,150
MADAN, MOSSMAN & SRIRAM, P.C.
2603 Augusta, Suite 700
Houston, Texas 77057-5638
Telephone: (713) 266-1130
Facsimile: (713) 266-8510

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I hereby certify that this paper, along with any referred to as being attached or enclosed, is being forwarded with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to MS Issue Fee, Commissioner for Patents, the 1st day of December, 2004.

Beth Pearson-Naul